

ABSTRACT OF THE DISCLOSURE

An electrode of an electrochemical battery includes: an electrode catalyst
5 and an electrode catalyst support member made of a fiber stack of conductive
metal material to which the electrode catalyst is attached. A manufacturing method
of the electrode is simple and the battery can be small in volume and has a high
flexibility and durability. And the specific surface area of the electrode catalyst is
high. In addition, since the electrode catalyst support member of the electrode is
10 made of the fiber stack, alkali fuel with a low surface tension can be easily
infiltrated due to a capillary phenomenon, thereby enhancing an efficiency of the
battery.